

Attachment 1: Description of Emission Reduction Measure Form

Please fill out one form for each emission reduction measure. See instructions in Attachment 2.

Title: Elimination of Solid Waste Disposal

Type of Measure (check all that apply):

- | | |
|---|---|
| <input checked="" type="checkbox"/> Direct Regulation | <input type="checkbox"/> Market-Based Compliance |
| <input type="checkbox"/> Monetary Incentive | <input type="checkbox"/> Non-Monetary Incentive |
| <input type="checkbox"/> Voluntary | <input type="checkbox"/> Alternative Compliance Mechanism |
| <input type="checkbox"/> Other Describe: | |

Responsible Agency:

Sector:

- | | |
|--|---|
| <input type="checkbox"/> Transportation | <input type="checkbox"/> Electricity Generation |
| <input checked="" type="checkbox"/> Other Industrial | <input type="checkbox"/> Refineries |
| <input type="checkbox"/> Agriculture | <input type="checkbox"/> Cement |
| <input type="checkbox"/> Sequestration | <input type="checkbox"/> Other Describe: |

2020 Baseline Emissions Assumed (MMT CO₂E): Diesel fuel reductions in the tens of millions of gallons/yr

Percent Reduction in 2020: Could be 100% of current use

Cost-Effectiveness (\$/metric ton CO₂E) in 2020: Massive due to the hundreds of tons of new emissions that are needed to produce a virgin ton of steel, glass, aluminum, copper, plastic, or paper, etc.

Description: Simultaneous declare the closing of all land fill operations and the imposition of rules that require that all collection of solid waste be processed as a single stream and all resultant material be recycled either as commodities or fuel.

Emission Reduction Calculations and Assumptions: Energy consumption would plummet from the handling of household waste by a single truck. Millions of tons of industrial metals would be reclaimed and would offset the millions of tons of fuel that is required to produce new metal from the mining process. Billions of pounds of paper products could be recycled or used as alternative biobased fuel in either plasma or conventional power production. All of the organic material should be fed to digesters that would supply syn gas for power production and biobased fertilizer.

Cost-Effectiveness Calculation and Assumptions:

Implementation Barriers and Ways to Overcome Them: The largest detractors will be the reduction in union personnel needed to process solid waste.

Potential Impact on Criteria and Toxic Pollutants: There is no down side risk and this process could be expanded to mine existing waste sites thus eliminating much of the natural gas produced by bacteria.

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